IFWO

RAW SEQUENCE LISTING DATE: 09/21/2004
PATENT APPLICATION: **US/10/617,443B** TIME: 09:05:13

Input Set : **A:\pto.lm.txt**
Output Set: **N:\CRF4\09202004\J617443B.raw**

<110> APPLICANT: Darrow, Andrew L
Qi, Jian-shen
Chen, Cailin
Andrade-Gordon, Patricia

<120> TITLE OF INVENTION: Human PRSS-11 like S2 serine protease and uses thereof

<130> FILE REFERENCE: ORT-1644

C--> **<140> CURRENT APPLICATION NUMBER: US/10/617,443B**

C--> **<141> CURRENT FILING DATE: 2003-07-02**

<160> NUMBER OF SEQ ID NOS: 8

<170> SOFTWARE: PatentIn Ver. 2.1

<210> SEQ ID NO: 1

<211> LENGTH: 3006

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1

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54 gcagtggaat ttatgtgcaa gaggttgcgc cgaattcacc ttctcagaga ggcggcatcc 1860
55 aagatggtga catcatcgtc aaggtcaacg ggcgtcctct agtggactcg agtgagctgc 1920
56 aggaggccgt gctgaccgag tctcctctcc tactggaggt gcggcggggg aacgacgacc 1980
57 tcctcttcag catcgcacct gaggtggtca tgtgaggggc gcattcctcc agcgccaagc 2040
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72 ctcaaggggc atttgtgagc tttgctgtaa atggattccc agtgttgctt gtactgtatg 2940
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74 aaaaaa                                                          3006
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78 <211> LENGTH: 334
79 <212> TYPE: PRT
80 <213> ORGANISM: Homo sapiens
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87              20                  25                  30
89 Pro Ala Val Val His Ile Glu Leu Phe Leu Arg His Pro Leu Phe Gly
90          35                  40                  45
92 Arg Asn Val Pro Leu Ser Ser Gly Ser Gly Phe Ile Met Ser Glu Ala
93      50                  55                  60
95 Gly Leu Ile Ile Thr Asn Ala His Val Val Ser Ser Asn Ser Ala Ala
96  65                  70                  75                  80
98 Pro Gly Arg Gln Gln Leu Lys Val Gln Leu Gln Asn Gly Asp Ser Tyr
99                  85                  90                  95
101 Glu Ala Thr Ile Lys Asp Ile Asp Lys Lys Ser Asp Ile Ala Thr Ile
102             100                 105                 110
104 Lys Ile His Pro Lys Lys Lys Leu Pro Val Leu Leu Leu Gly His Ser
105         115                 120                 125
107 Ala Asp Leu Arg Pro Gly Glu Phe Val Val Ala Ile Gly Ser Pro Phe
108     130                 135                 140
110 Ala Leu Gln Asn Thr Val Thr Thr Gly Ile Val Ser Thr Ala Gln Arg
111 145                 150                 155                 160
113 Glu Gly Arg Glu Leu Gly Leu Arg Asp Ser Asp Met Asp Tyr Ile Gln
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```
114                 165                 170                 175
116 Thr Asp Ala Ile Ile Asn Tyr Gly Asn Ser Gly Gly Pro Leu Val Asn
117             180                 185                 190
119 Leu Asp Gly Glu Val Ile Gly Ile Asn Thr Leu Lys Val Thr Ala Gly
120         195                 200                 205
122 Ile Ser Phe Ala Ile Pro Ser Asp Arg Ile Thr Arg Phe Leu Thr Glu
123     210                 215                 220
125 Phe Gln Asp Lys Gln Ile Lys Asp Trp Lys Lys Arg Phe Ile Gly Ile
126 225                 230                 235                 240
128 Arg Met Arg Thr Ile Thr Pro Ser Leu Val Asp Glu Leu Lys Ala Ser
129                 245                 250                 255
131 Asn Pro Asp Phe Pro Glu Val Ser Ser Gly Ile Tyr Val Gln Glu Val
132             260                 265                 270
134 Ala Pro Asn Ser Pro Ser Gln Arg Gly Gly Ile Gln Asp Gly Asp Ile
135         275                 280                 285
137 Ile Val Lys Val Asn Gly Arg Pro Leu Val Asp Ser Ser Glu Leu Gln
138     290                 295                 300
140 Glu Ala Val Leu Thr Glu Ser Pro Leu Leu Leu Glu Val Arg Arg Gly
141 305                 310                 315                 320
143 Asn Asp Asp Leu Leu Phe Ser Ile Ala Pro Glu Val Val Met
144                 325                 330
147 <210> SEQ ID NO: 3
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149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: RACE primer
155 <400> SEQUENCE: 3
156 cagccgtgac cttgagcgtg ttg                                          23
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160 <211> LENGTH: 22
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: RACE primer
167 <400> SEQUENCE: 4
168 ggccgagtga cccagcaaca ac                                           22
171 <210> SEQ ID NO: 5
172 <211> LENGTH: 34
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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186 <213> ORGANISM: Artificial Sequence
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189 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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212 <223> OTHER INFORMATION: Description of Artificial Sequence: Internal primer
214 <400> SEQUENCE: 8
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VERIFICATION SUMMARY DATE: 09/21/2004
PATENT APPLICATION: **US/10/617,443B** TIME: 09:05:14

Input Set : **A:\pto.lm.txt**
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L:11 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date